

## CLAIMS

What is claimed is:

1        1.    An electrode assembly used to apply a current to a  
2    cornea, comprising:

3        a body that has an inner channel;

4        a stop that is inserted into said inner channel of said  
5    body; and,

6        a tip that is attached to said stop.

1        2.    The assembly of claim 1, wherein said stop is  
2    constructed from a dielectric material.

1        3.    The assembly of claim 1, wherein said tip is  
2    electrically connected to said body.

1        4.    The assembly of claim 3, wherein said tip is  
2    welded to said body.

1        5.    The assembly of claim 1, wherein said body  
2    includes a mechanical stop that limits an insertion depth  
3    of said stop.

1        6.    The assembly of claim 1, wherein said body  
2 includes an anti-rotation feature.

1        7.    An electrode assembly used to apply current to a  
2 cornea, comprising:  
3        a body;  
4        a tip that is coupled to said body;  
5        stop means for limiting an insertion depth of said tip  
6 into the cornea.

1        8.    The assembly of claim 7, wherein said stop means  
2 is constructed from a dielectric material.

1        9.    The assembly of claim 7, wherein said tip is  
2 electrically connected to said body.

1        10.   The assembly of claim 9, wherein said tip is  
2 welded to said body.

1        11.   The assembly of claim 7, wherein said body  
2 includes a mechanical stop that limits an insertion depth  
3 of said stop means into an inner channel of said body.

1       12. The assembly of claim 7, wherein said body  
2 includes an anti-rotation feature.

1       13. A method for assembling an electrode assembly that  
2       is used to apply a current to a cornea,  
3       comprising:  
4       attaching a stop to a tip; and,  
5       pressing the stop into an inner channel of a body.

1       14. The method of claim 13, further comprising  
2 connecting the tip to the body.

1       15. The method of claim 14, wherein the tip is welded  
2 to the body.

1       16. The method of claim 13, wherein the stop is bonded  
2 to the tip.

1       17. The method of claim 13, wherein the insertion of  
2 the stop is stopped by a mechanical stop of the body.

1        18. The method of claim 13, wherein the body is  
2        inserted into a handpiece.